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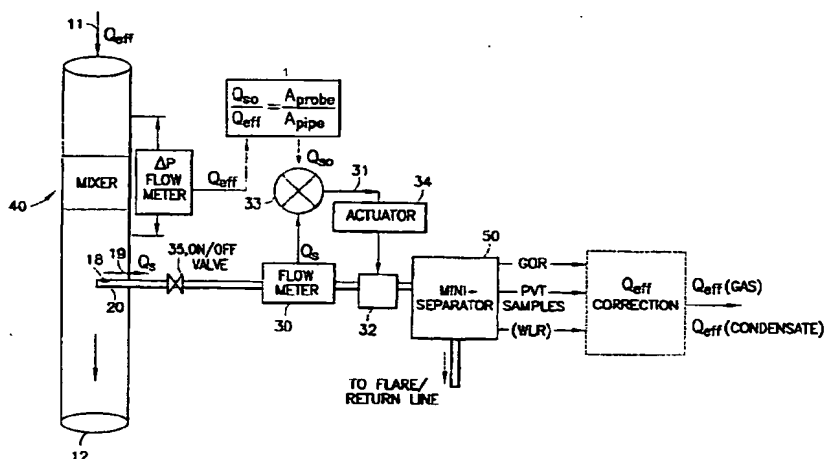
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(54) Title: ISOKINETIC SAMPLING



(57) Abstract: A method of sampling a multi-phase fluid stream is provided which comprises the steps of: sampling, with a sampling probe, a portion of the fluid stream; measuring the flow rate of said sampled portion; and measuring, independently of the sampling step, the total flow rate of the fluid stream, wherein the flow rate of the sampled portion is controlled according to the ratio of the flow rate of the sampled portion to the flow rate of the fluid stream, in order to obtain substantially isokinetic sampling of the fluid stream. The method may provide isokinetic sampling to an accuracy of 5% or less and preferably only samples a small portion of the fluid stream. The method has particular application for high rate condensate gas wells. A corresponding sampling system is provided which has particular application in the sampling of streams from well-heads. A flow conditioner for use with sampling methods and systems is also provided, the flow conditioner being a pipe section including: a swirl inducing section; a flow straightener; and an orifice plate.

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